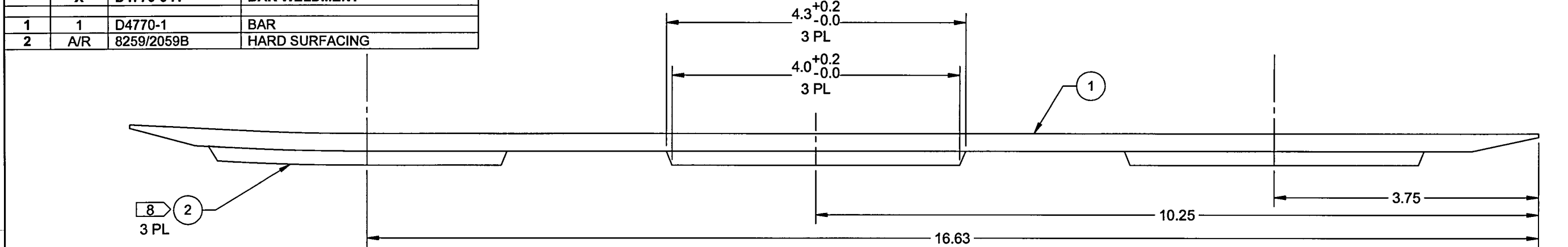
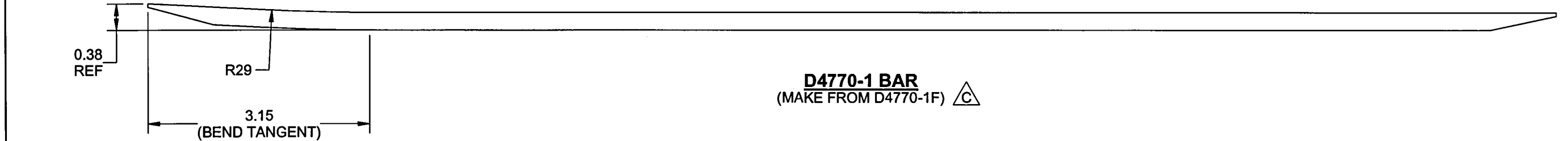


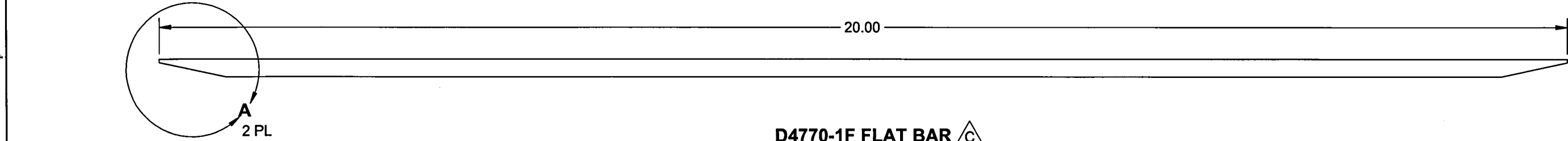
| ITEM | QTY -041 | P/N | DESCRIPTION |
|------|-------------|------------|----------------|
| | X | D4770-041 | BAR WELDMENT |
| 1 | 1 | D4770-1 | BAR |
| 2 | A/R | 8259/2059B | HARD SURFACING |



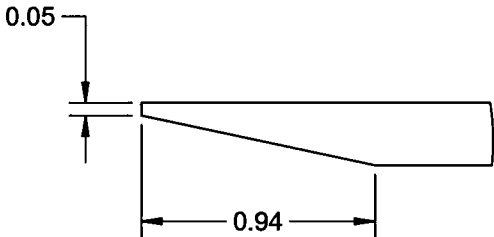
D4770-041 BAR WELDMENT



D4770-1 BAR
(MAKE FROM D4770-1F)



D4770-1F FLAT BAR



DETAIL A
SCALE 2X

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NOTES:

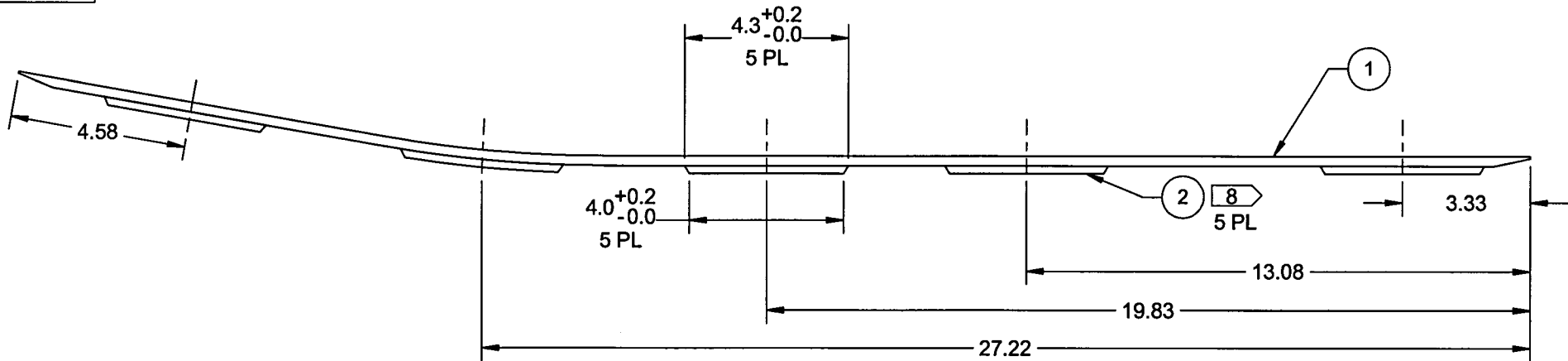
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL BAR 0.250 THICK X 0.500 WIDTH
PER ASTM A276 OR ASTM A240
REF DART SPEC. M304B0.250X0.500
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.02 lbs
- 8) BUILDUP HARD SURFACING 0.17 TO 0.20 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR
BUILDUP HARD SURFACING 0.19 TO 0.25 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)



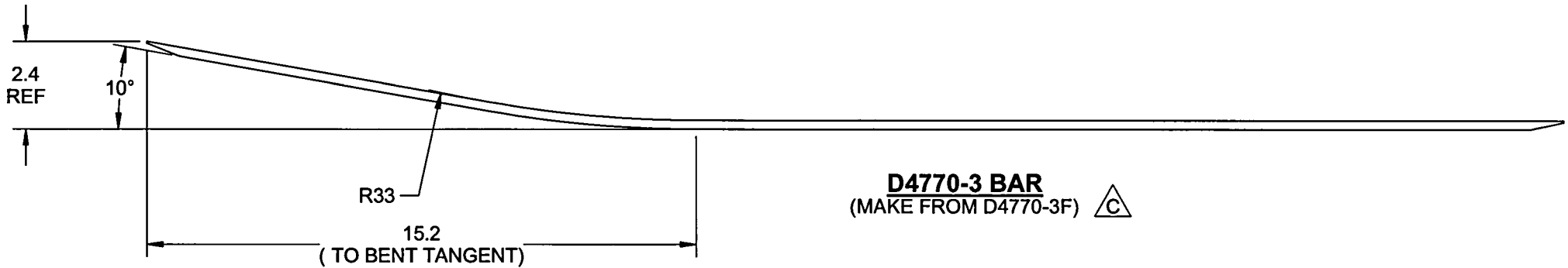
APPROVED

| C | ADD -041/-043/-045/-047 WELDMENTS, REMOVE NOTCHES FROM ALL BARS, ADD WELD NOTE 8, DELETE SH 5 REASON: NEW WELD PROCESS | SAD | 17.02.14 |
|------------|---|---|--------------|
| B | ADDED BEND TO D4770-1 BAR, MINOR DIM CHANGES TO D4770-3 BAR, ADDED SHT 3 AND SHT 5, ADDED D4770-7 BAR | AP | 15.04.01 |
| A | NEW RELEASE | AP | 13.02.13 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | AP | DART AEROSPACE USA, INC. EUGENE, OR | |
| DRAWN | SAD | | |
| CHECKED | ML | DRAWING NO. | REV. C |
| MFG. APPR. | DD | D4770 | SHEET 1 OF 4 |
| APPROVED | HS | TITLE | SCALE |
| DE APPR. | DS | BAR | NTS |
| DATE | 17.02.14 | <small>COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small> | |

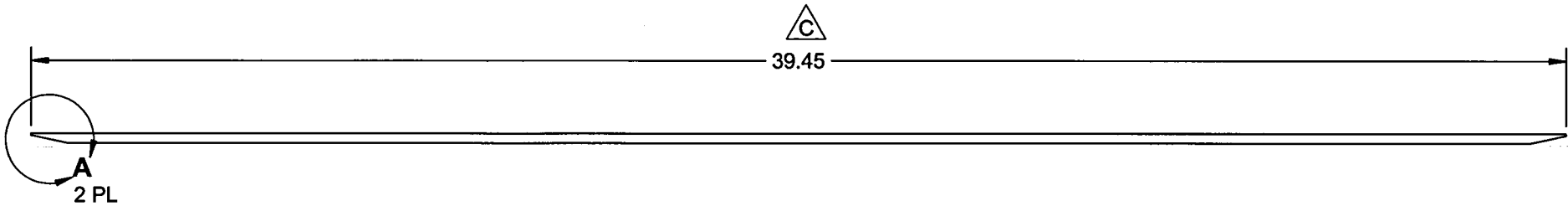
| ITEM | QTY -043 | P/N | DESCRIPTION |
|------|-------------|------------|----------------|
| | X | D4770-043 | BAR WELDMENT |
| 1 | 1 | D4770-3 | BAR |
| 2 | A/R | 8259/2059B | HARD SURFACING |



D4770-043 BAR WELDMENT



D4770-3 BAR
(MAKE FROM D4770-3F)



D4770-3F FLAT BAR
(FLAT PATTERN)

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL BAR 0.250 THICK X 0.500 WIDTH
PER ASTM A276 OR ASTM A240
REF DART SPEC. M304B0.250X0.500
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.95 lbs
- 8) BUILDUP HARD SURFACING 0.17 TO 0.20 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR
BUILDUP HARD SURFACING 0.19 TO 0.25 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)

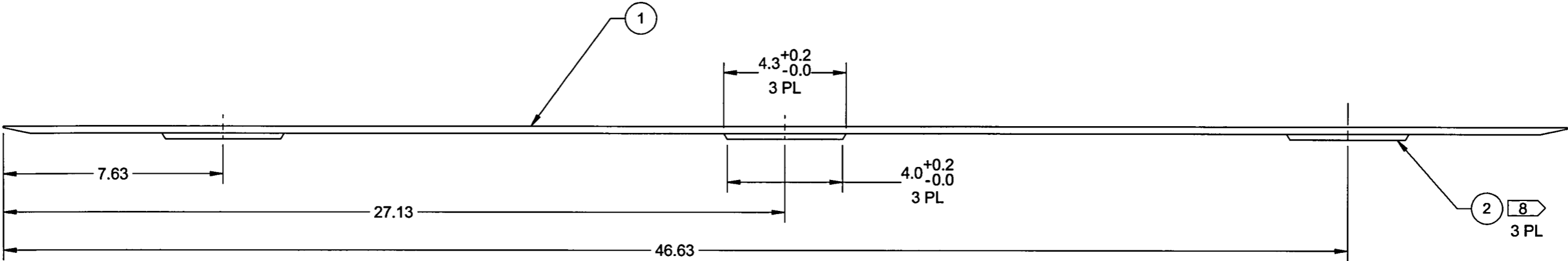
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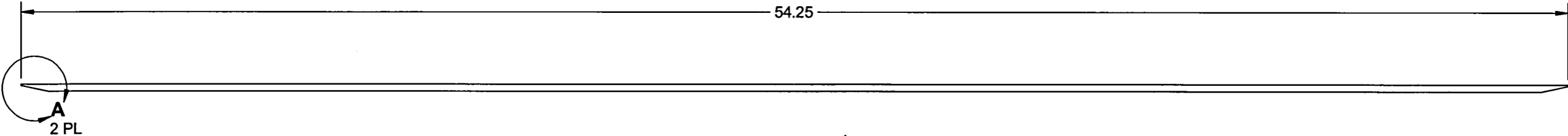
APPROVED

| | | | |
|------------|----------|---|--------------|
| DESIGN | AP | DART AEROSPACE USA, INC. EUGENE, OR | |
| DRAWN | SAD | | |
| CHECKED | ML | DRAWING NO. | REV. C |
| MFG. APPR. | DD | D4770 | SHEET 2 OF 4 |
| APPROVED | HS | TITLE | SCALE |
| DE APPR. | DS | BAR | NTS |
| DATE | 17.02.14 | <small>COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small> | |

| ITEM | QTY -045 | P/N | DESCRIPTION |
|------|-------------|------------|----------------|
| | X | D4770-045 | BAR WELDMENT |
| 1 | 1 | D4770-5 | BAR |
| 2 | A/R | 8259/2059B | HARD SURFACING |



D4770-045 BAR WELDMENT



D4770-5 BAR

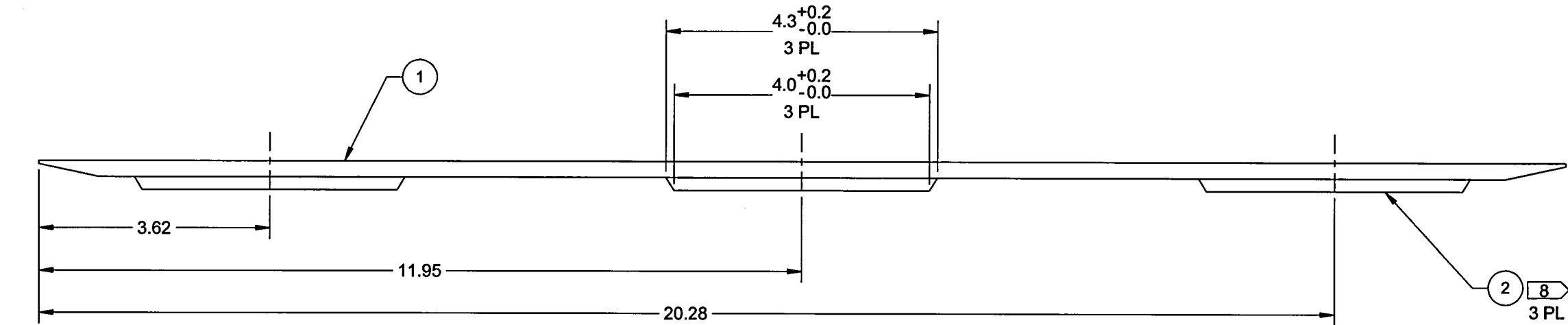
- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL BAR 0.250 THICK X 0.500 WIDTH
PER ASTM A276 OR ASTM A240
REF DART SPEC. M304B0.250X0.500
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.26 lbs
 - 8) BUILDUP HARD SURFACING 0.17 TO 0.20 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR
BUILDUP HARD SURFACING 0.19 TO 0.25 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)

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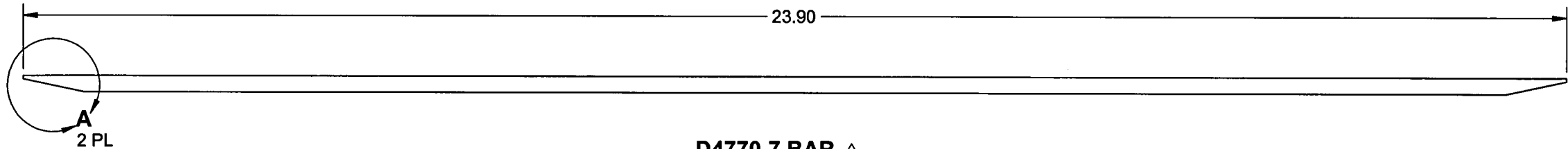
APPROVED

| | | | |
|------------|----------|---|--------------|
| DESIGN | AP | DART AEROSPACE USA, INC. EUGENE, OR | |
| DRAWN | SAD | | |
| CHECKED | ML | DRAWING NO. | REV. C |
| MFG. APPR. | DD | D4770 | SHEET 3 OF 4 |
| APPROVED | HS | TITLE | SCALE |
| DE APPR. | DS | BAR | NTS |
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| ITEM | QTY -047 | P/N | DESCRIPTION |
|------|-------------|------------|----------------|
| | X | D4770-047 | BAR WELDMENT |
| 1 | 1 | D4770-7 | BAR |
| 2 | A/R | 8259/2059B | HARD SURFACING |



D4770-047 BAR WELDMENT



D4770-7 BAR

- NOTES:
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL BAR 0.250 THICK X 0.500 WIDTH
PER ASTM A276 OR ASTM A240
REF DART SPEC. M304B0.250X0.500
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 1.17 lbs
 - 8) BUILDUP HARD SURFACING 0.17 TO 0.20 THICK USING 8259 ROD PER QSI 004 SECTION 4.5 (AUTOMATED WELDING) OR
BUILDUP HARD SURFACING 0.19 TO 0.25 THICK USING 2059B ROD PER QSI 004 SECTION 4.1 (MANUAL WELDING)

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|----------|------------|-----|---|--------------|
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| | DRAWN | SAD | | |
| | CHECKED | ML | DRAWING NO. | REV. C |
| | MFG. APPR. | DD | D4770 | SHEET 4 OF 4 |
| | APPROVED | HS | TITLE | SCALE |
| | DE APPR. | DS | BAR | NTS |

DATE 17.02.14

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